

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/06129

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B1/707 H04B7/26 H04J3/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"Universal Mobile Telecommunications System (UMTS); Physical Layer Procedures (TDD) (3GPP TS 25.224 version 4.2.0 Release 4)" ETSI TS 125 224 V4.2.0, XX, XX, 12 October 2001 (2001-10-12), pages 1-41, XP002212965 page 37  ----- -/--	1-24

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

18 March 2004

Date of mailing of the international search report

02/04/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>"Technical Specification Group Radio Access Network; Spreading and Modulation (TDD) (3GPP TS 25.223 version 4.4.0 Release 4)" 3GPP PARTNERSHIP PROJECT, 'Online! March 2002 (2002-03), XP002274090 Retrieved from the Internet: &lt;URL:http://www.3gpp.org/ftp/Specs/archive/25_series/25.224/25224-440.zip&gt; 'retrieved on 2004-03-16! Section 9</p> <p>----</p>	1-24
A	<p>"Universal Mobile Telecommunications System (UMTS);Physical channels and mapping of transport channels onto physical channels (TDD) (3GPP TS 25.221 version 4.2.0 Release 4)" 3GPP TS 25.221 V4.2.0, XX, XX, 15 October 2001 (2001-10-15), pages 1-89, XP002212966 Section 6: pages 32-33,48</p> <p>----</p>	1-24
A	<p>US 6 005 854 A (LI SHIHE ET AL) 21 December 1999 (1999-12-21) abstract column 6, line 4 -column 11, line 54 column 14, line 59 -column 15, line 4; figure 11</p> <p>-----</p>	1,13

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 6005854	A	21-12-1999	AU	8773698 A	01-03-1999
			CN	1270722 T	18-10-2000
			WO	9908451 A2	18-02-1999

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